

EXHIBIT 12

Modify K224ET FM Translator Station
Channel 224D (92.7 MHz) - .250 kW
Kingsville, MO

Proposed CH 225D - 92.9 MHz - 0.205 kW
Peculiar, MO
May 30, 2017

TECHNICAL NARRATIVE

This Technical Narrative and attached exhibits were prepared on behalf of Alpine Broadcasting Corp., ("Alpine"), licensee of FM translator station K224ET, Channel 224D, Facility ID# 36255, Kingsville, MO. Alpine herein proposes to modify K224ET by relocating to a new transmitter location at Peculiar, MO. The proposed K224ET facility would operate on Channel 225D (92.9 MHz) with 205 watts directional at 213 meters height above ground level and 225 meters HAAT. The modified K224ET will be used as a fill-in translator for KLRX, Channel 247C1, Facility ID No. 4933, licensed to Lee's Summit, MO. Alpine has obtained written consent from Educational Media Foundation, licensee of KLRX, to retransmit KLRX over K224ET.

Exhibit 10 shows compliance with Section 74.1201(g) Fill-In Translator. The proposed K224ET FCC F(50,50) 60 dBu contour is contained inside the primary station KLRX FCC F(50,50) 60 dBu contour.

Exhibit 13-A is a channel study using Section 73.207 spacing distances for Class A FM stations. This study is provided as a convenience to help identify stations that could potentially receive interference from the proposed K224ET modification.

Exhibit 13-B demonstrates compliance with Section 74.1204 contour protection to co-channel full power FM station KMXN, Channel 225C2, Osage City, KS.

Exhibit 13-C demonstrates compliance with Section 74.1204 contour protection to second adjacent full power FM station KMXV, Channel 227C0, Kansas City, MO.

Exhibit 13-D demonstrates compliance with Section 74.1204 contour protection to third adjacent full power FM station KCCV-FM Channel 222C3, Olathe, KS.

Exhibit 13-E demonstrates compliance with Section 74.1233(a) "Common Overlap".

The FCC F(50,50) 60 dBu contours of the K224ET licensed facility and the K224ET proposed facility overlap.

A study has been undertaken to show the proposed K224ET facility is in compliance with the Commission's radio frequency emission limits and environmental policies and is attached as Exhibits 17-A and 17-B.